

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047428.D
 Acq On : 24 Nov 2020 1:45
 Operator : CG/JU
 Sample : L4749-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B13

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:47:13 PM

Quant Time: Nov 24 06:41:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	42264	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	169993	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	121935	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	263742m	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	222504	20.00	ng/ul	0.00
86) Perylene-d12	25.32	264	243333	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	1597m	1.37	ng/uL	0.00
5) Phenol-d5	7.41	99	43001	10.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	25538	10.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	35673	12.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	30363	9.32	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	16935	12.06	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	19932	13.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	40641	11.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	39976	11.27	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	132605	12.67	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	159797	13.21	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	13535	8.47	ng/ul	0.00
58) Fluorene-d10	15.87	176	121747	12.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	6690	4.46	ng/ul	0.00
71) Anthracene-d10	17.72	188	177393	13.56	ng/ul	0.00
79) Pyrene-d10	19.98	212	201925	15.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	205165	14.65	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.43	94	7134	1.757	ng/ul#	81
45) Dimethylphthalate	14.32	163	34274	3.210	ng/ul	97
50) Acenaphthene	14.95	153	15920	2.019	ng/ul	94
59) Fluorene	15.92	166	12492	1.280	ng/ul#	94
70) Phenanthrene	17.66	178	200843m	14.102	ng/ul	
72) Anthracene	17.75	178	40678	2.836	ng/ul	97
75) Carbazole	18.01	167	26111	2.257	ng/ul	94
77) Fluoranthene	19.65	202	384507m	21.377	ng/ul	
80) Pyrene	20.01	202	301202	19.110	ng/ul	99
83) Benzo(a)anthracene	21.88	228	166433	10.513	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	12021	1.558	ng/ul#	98
85) Chrysene	21.95	228	159113	10.561	ng/ul	95
88) Benzo(b)fluoranthene	24.23	252	217034	12.632	ng/ul#	94
89) Benzo(k)fluoranthene	24.29	252	85346m	5.041	ng/ul	
91) Benzo(a)pyrene	25.15	252	151455	9.889	ng/ul	93
92) Indeno(1,2,3-cd)pyrene	29.22	276	95652m	5.134	ng/ul	
93) Dibenzo(a,h)anthracene	29.29	278	25220m	1.651	ng/ul	
94) Benzo(g,h,i)perylene	30.44	276	82576m	5.372	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

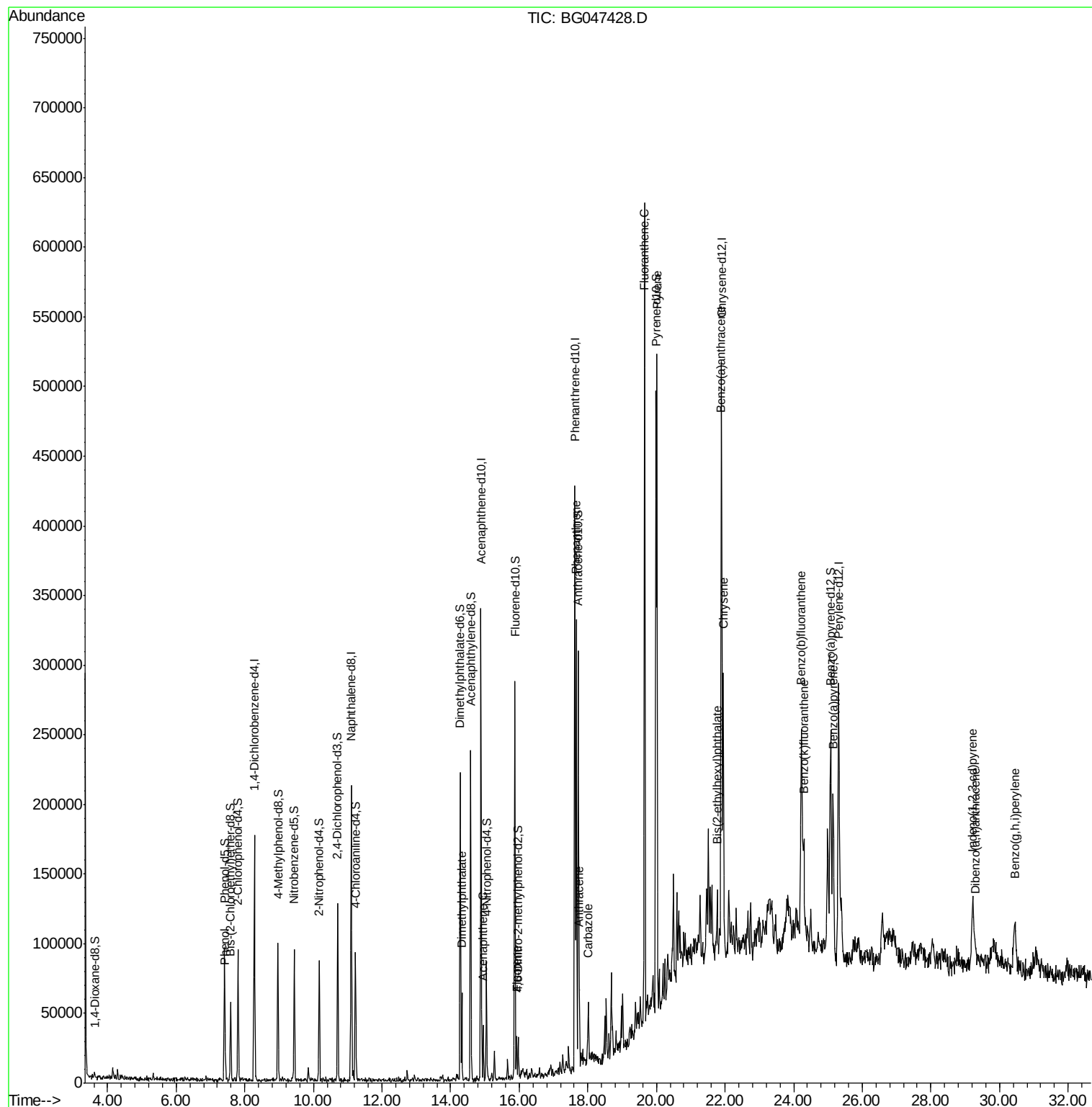
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047428.D
Acq On : 24 Nov 2020 1:45
Operator : CG/JU
Sample : L4749-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

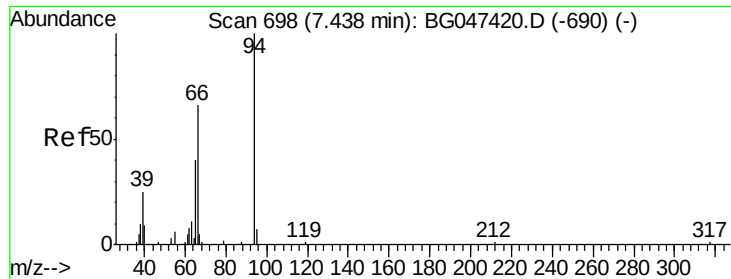
Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration





#6

Phenol

Concen: 1.757 ng/ul

RT: 7.43 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG047428.D

Acq: 24 Nov 2020 1:45

Instrument :

BNA_G

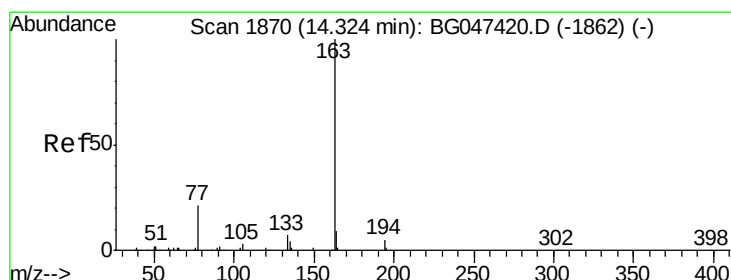
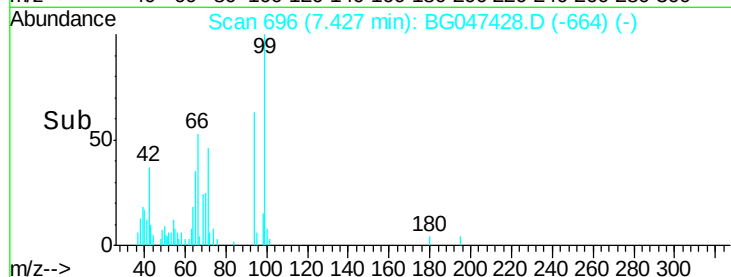
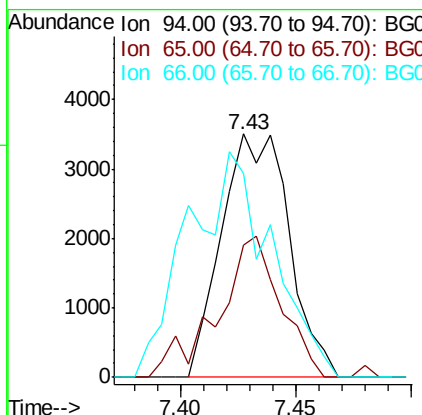
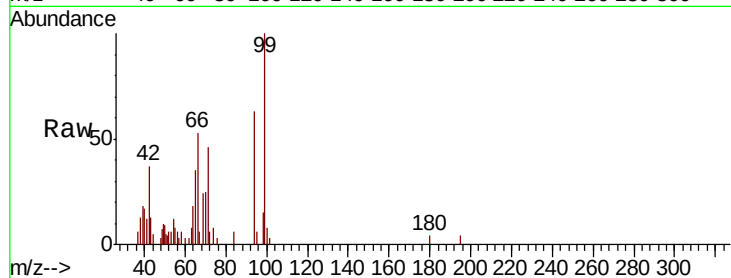
ClientSampled :

C0B13

Tot Ion:	94	Resp:	7134
Ion	Ratio	Lower	Upper
94	100		
65	54.6	37.8	56.8
66	83.7	51.6	77.4#

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#45

Dimethylphthalate

Concen: 3.210 ng/ul

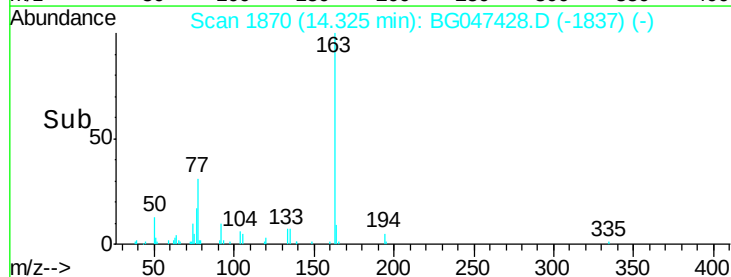
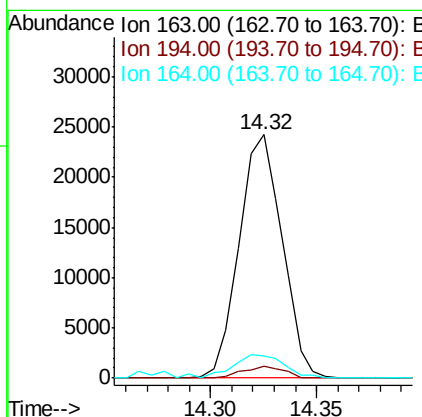
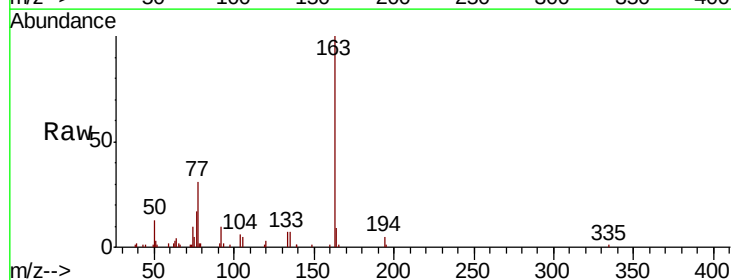
RT: 14.32 min Scan# 1870

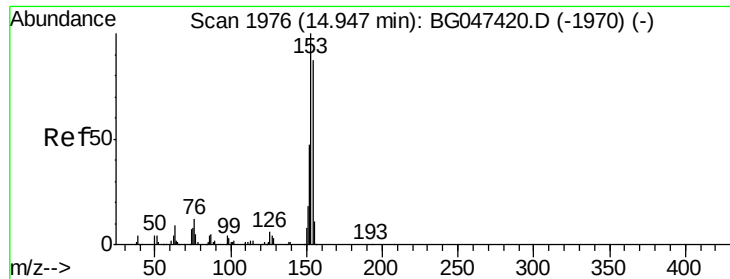
Delta R.T. -0.01 min

Lab File: BG047428.D

Acq: 24 Nov 2020 1:45

Tgt Ion:	163	Resp:	34274
Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.6	5.4
164	9.3	8.5	12.7





#50

Acenaphthene

Concen: 2.019 ng/ul

RT: 14.95 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG047428.D

Acq: 24 Nov 2020 1:45

Instrument :

BNA_G

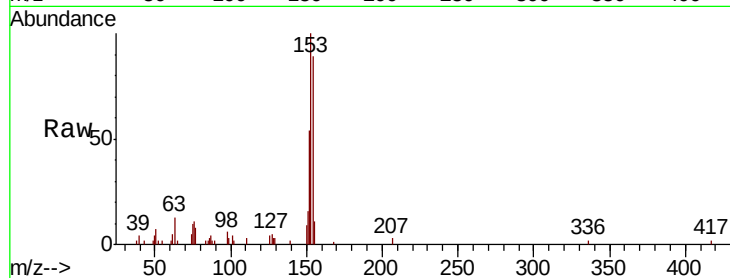
ClientSampled :

C0B13

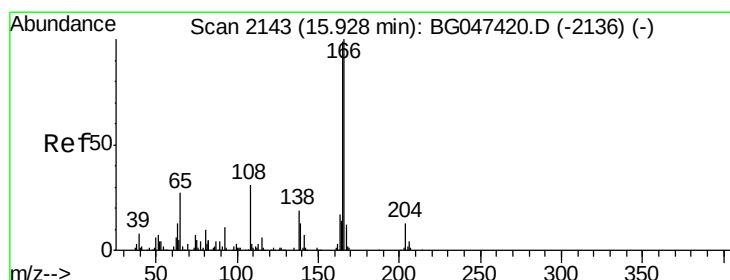
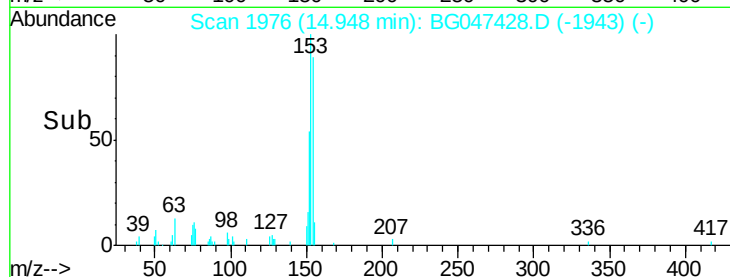
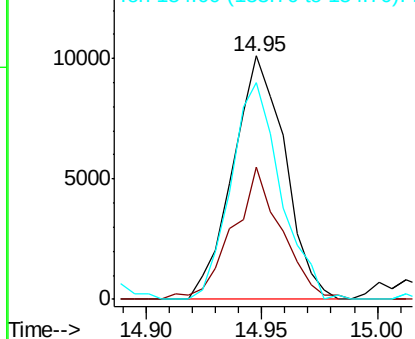
Tot Ion:	153	Resp:	15920
Ion	Ratio	Lower	Upper
153	100		
152	54.5	36.9	55.3
154	88.9	69.7	104.5

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#59

Fluorene

Concen: 1.280 ng/ul

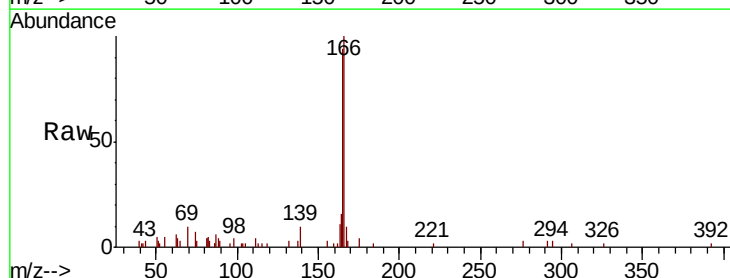
RT: 15.92 min Scan# 2142

Delta R.T. -0.01 min

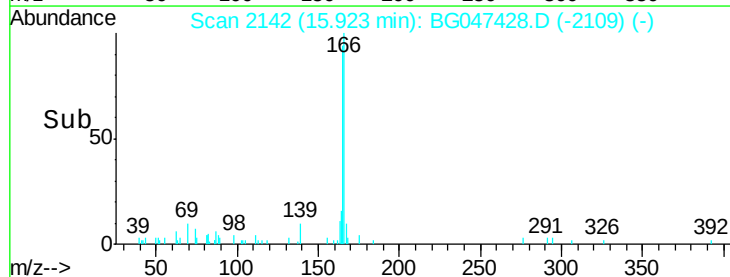
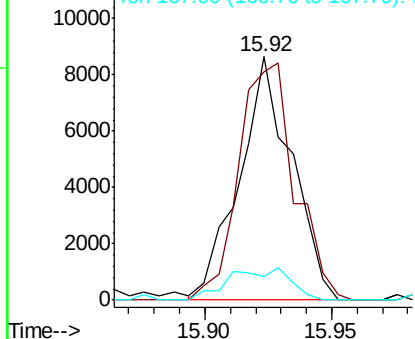
Lab File: BG047428.D

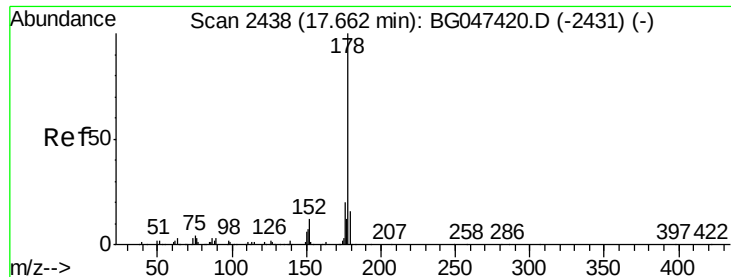
Acq: 24 Nov 2020 1:45

Tgt Ion:	166	Resp:	12492
Ion	Ratio	Lower	Upper
166	100		
165	93.8	79.8	119.6
167	9.6	10.8	16.2#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 14.102 ng/ul m

RT: 17.66 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG047428.D

Acq: 24 Nov 2020 1:45

Instrument :

BNA_G

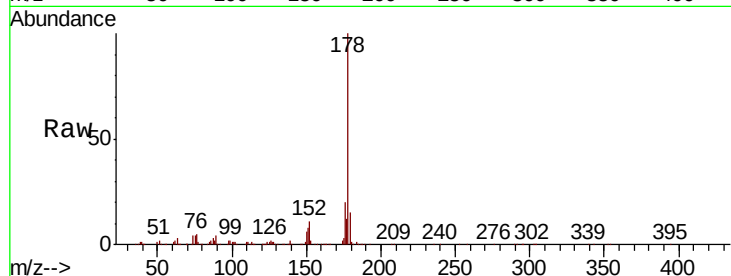
ClientSampleId :

C0B13

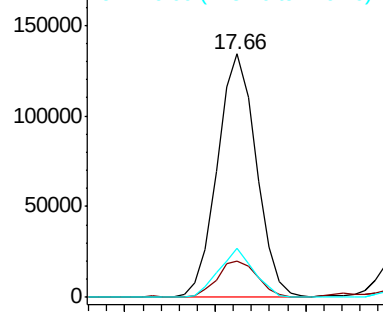
Tot Ion:	178	Resp:	200843
Ion Ratio	Lower	Upper	
178	100		
179	14.7	11.8	17.6
176	20.2	13.9	20.9

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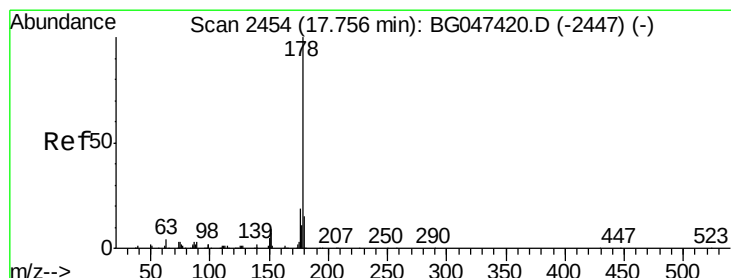
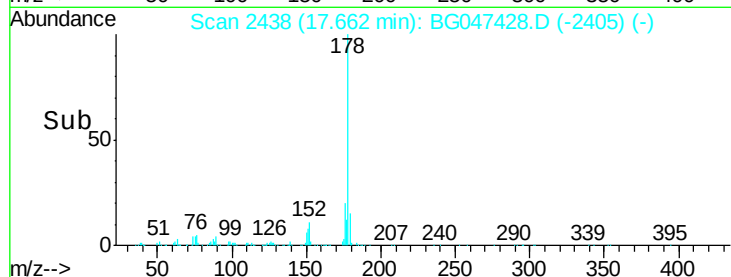
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->



#72

Anthracene

Concen: 2.836 ng/ul

RT: 17.75 min Scan# 2453

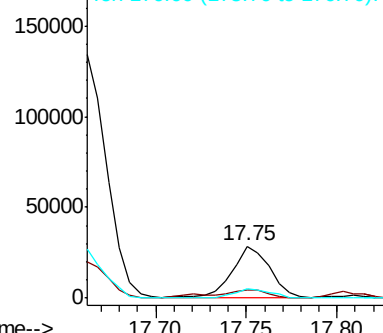
Delta R.T. -0.01 min

Lab File: BG047428.D

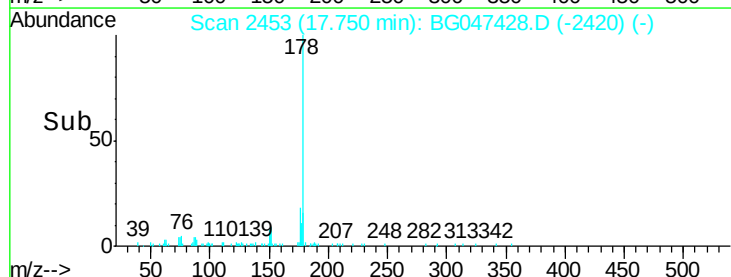
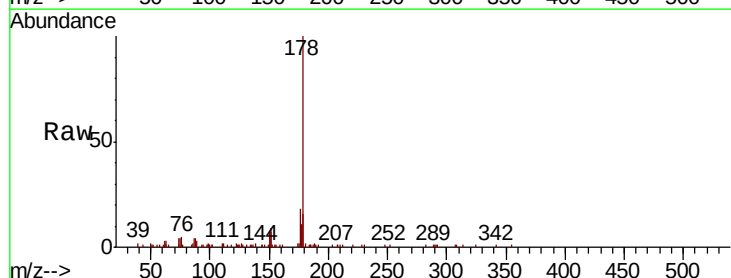
Acq: 24 Nov 2020 1:45

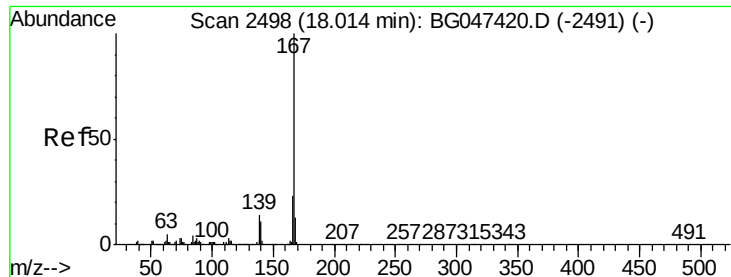
Tgt Ion:	178	Resp:	40678
Ion Ratio	Lower	Upper	
178	100		
179	16.0	11.7	17.5
176	18.0	15.4	23.0

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->





#75

Carbazole

Concen: 2.257 ng/ul

RT: 18.01 min Scan# 2498

Delta R.T. 0.00 min

Lab File: BG047428.D

Acq: 24 Nov 2020 1:45

Instrument :

BNA_G

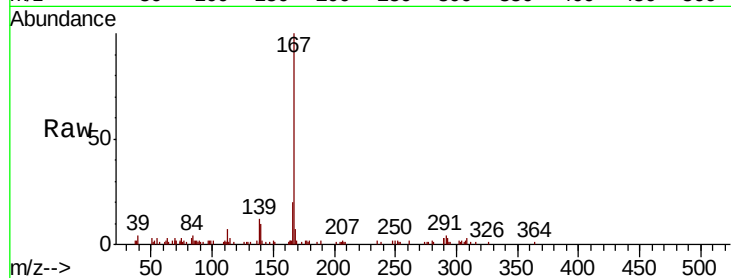
ClientSampleId :

C0B13

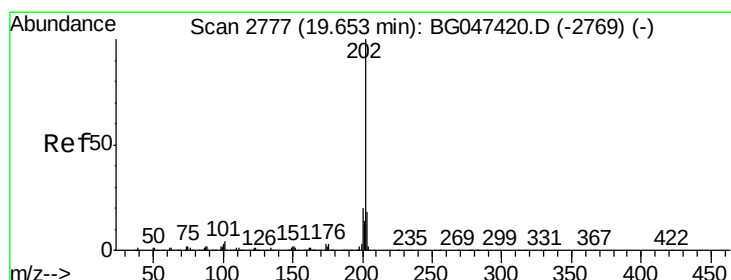
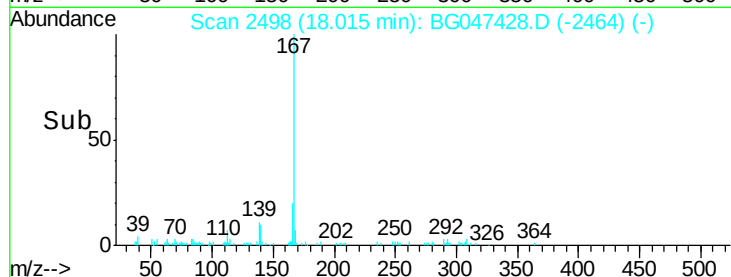
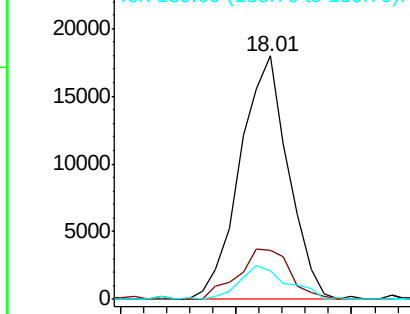
Tot Ion:	167	Resp:	26111
Ion Ratio	Lower	Upper	
167	100		
166	20.1	19.2	28.8
139	12.0	10.0	15.0

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 21.377 ng/ul m

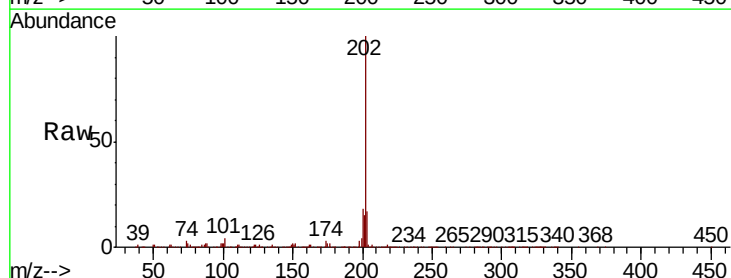
RT: 19.65 min Scan# 2777

Delta R.T. 0.00 min

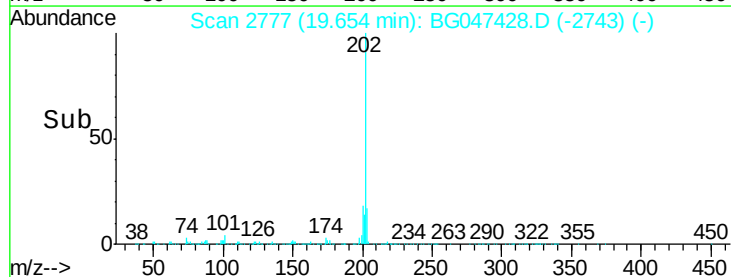
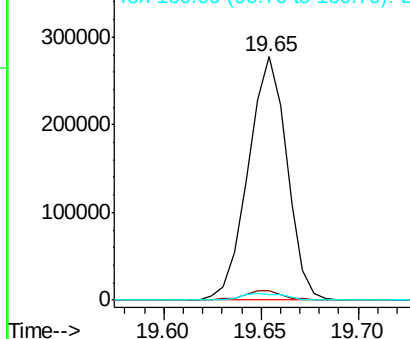
Lab File: BG047428.D

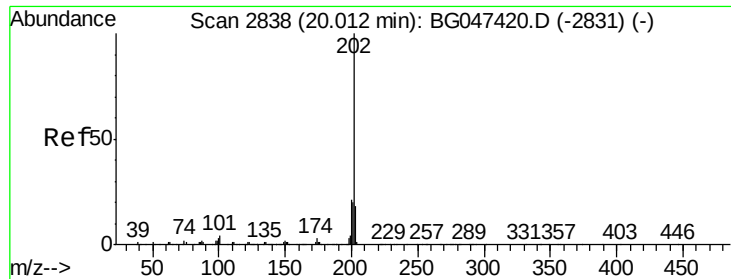
Acq: 24 Nov 2020 1:45

Tgt Ion:	202	Resp:	384507
Ion Ratio	Lower	Upper	
202	100		
101	3.6	3.0	4.6
100	2.4	3.0	4.6#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





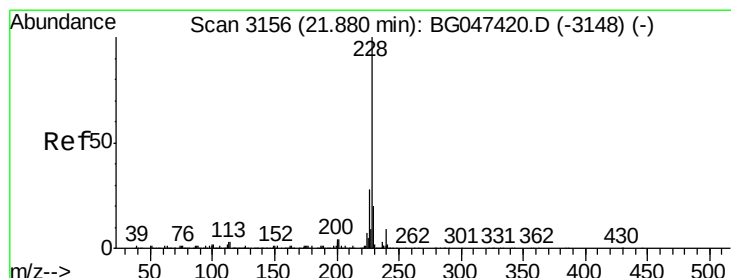
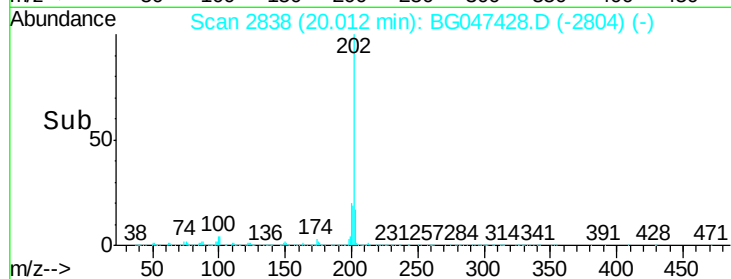
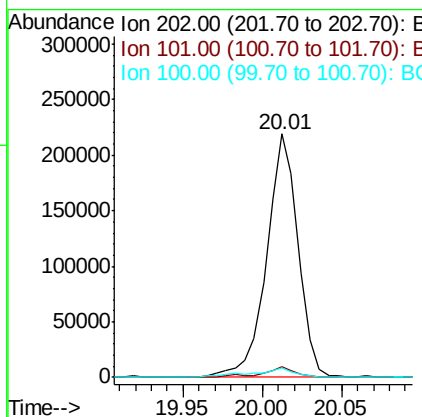
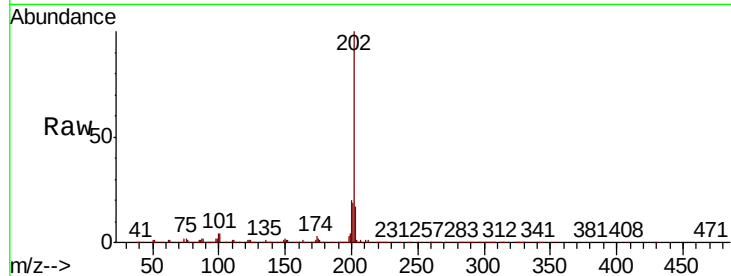
#80
Pvrene
Concen: 19.110 ng/ul
RT: 20.01 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG047428.D
Acq: 24 Nov 2020 1:45

Instrument :
BNA_G
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	4.4	3.5	5.3
100	3.7	3.4	5.0

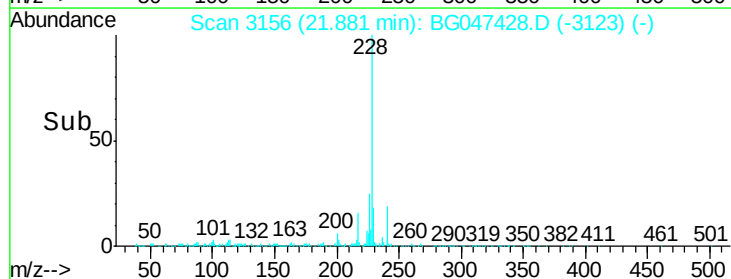
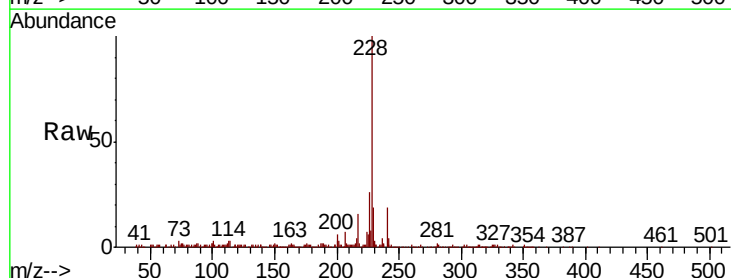
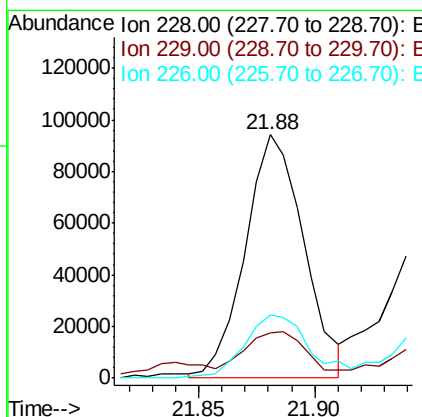
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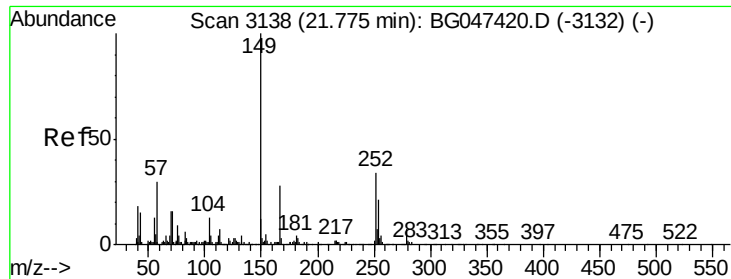
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#83
Benzo(a)anthracene
Concen: 10.513 ng/ul
RT: 21.88 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG047428.D
Acq: 24 Nov 2020 1:45

Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.5	15.6	23.4
226	25.7	21.7	32.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.558 ng/ul

RT: 21.77 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG047428.D

Acq: 24 Nov 2020 1:45

Instrument :

BNA_G

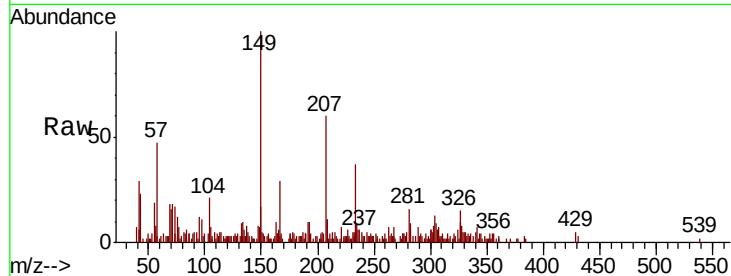
ClientSampleId :

C0B13

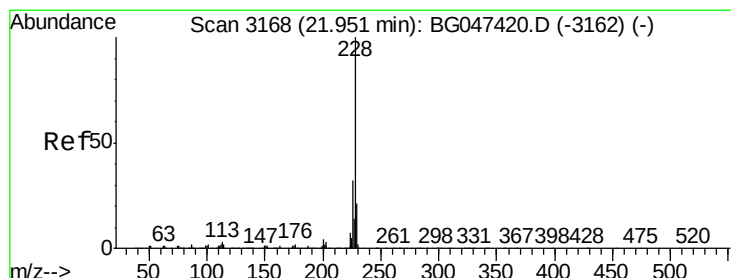
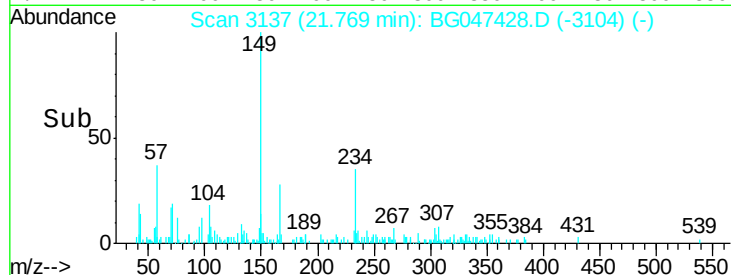
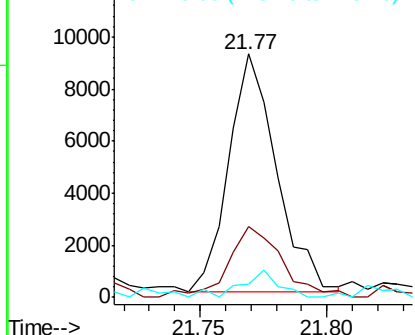
Tot Ion:	149	Resp:	12021
Ion Ratio	Lower	Upper	
149	100		
167	29.0	23.4	35.2
279	5.3	5.9	8.9#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 10.561 ng/ul

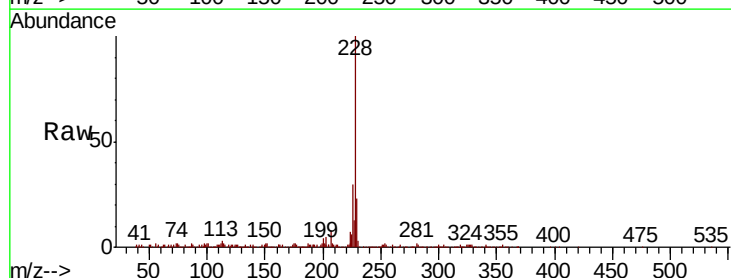
RT: 21.95 min Scan# 3168

Delta R.T. -0.01 min

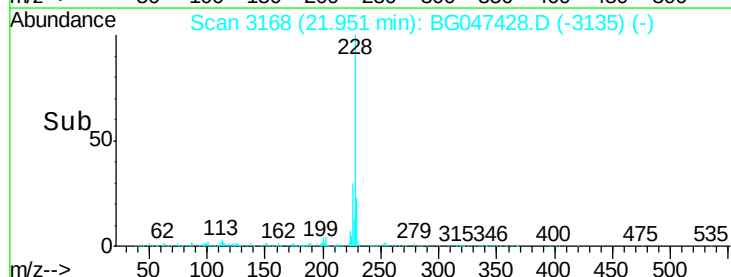
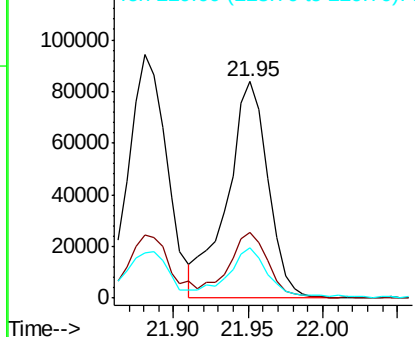
Lab File: BG047428.D

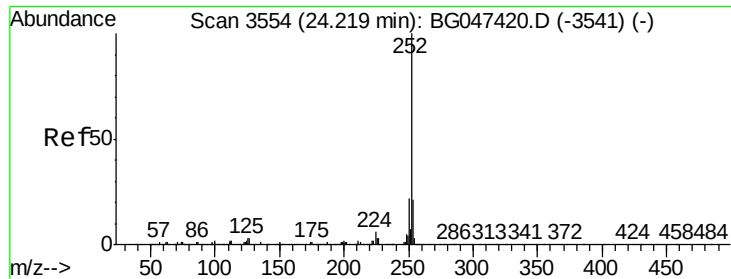
Acq: 24 Nov 2020 1:45

Tgt Ion:	228	Resp:	159113
Ion Ratio	Lower	Upper	
228	100		
226	30.2	22.3	33.5
229	23.4	16.5	24.7



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 12.632 ng/ul

RT: 24.23 min Scan# 3555

Delta R.T. 0.00 min

Lab File: BG047428.D

Acq: 24 Nov 2020 1:45

Instrument :

BNA_G

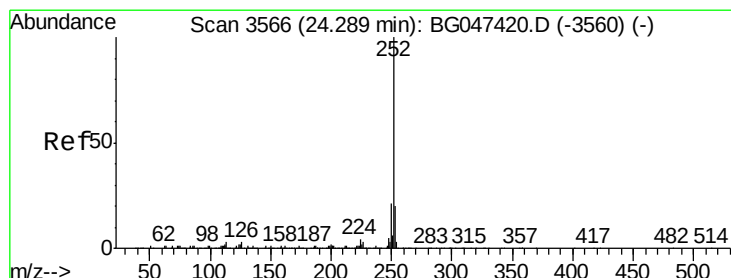
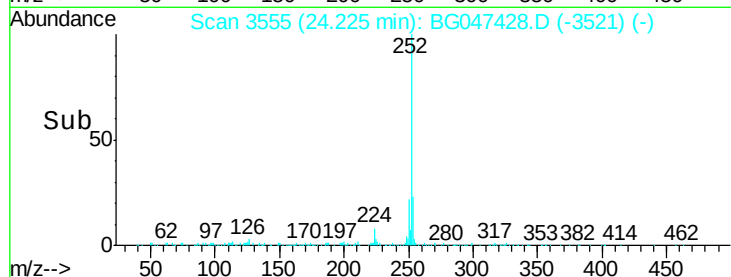
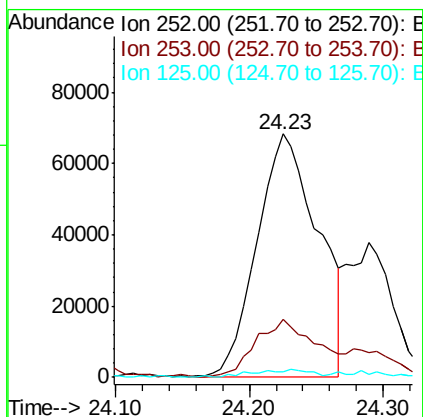
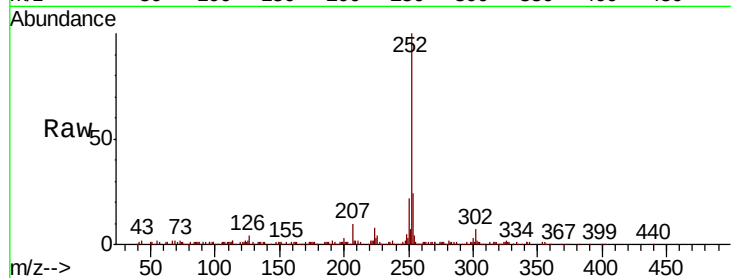
ClientSampled :

C0B13

Tot Ion:	252	Resp:	217034
Ion Ratio	Lower	Upper	
252	100		
253	23.6	16.6	25.0
125	2.2	2.7	4.1#

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 5.041 ng/ul m

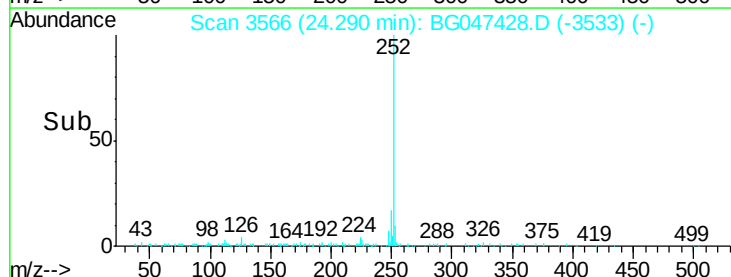
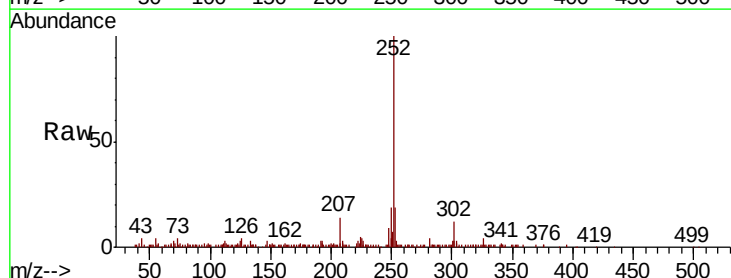
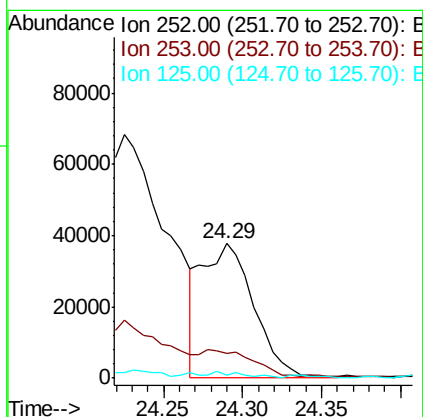
RT: 24.29 min Scan# 3566

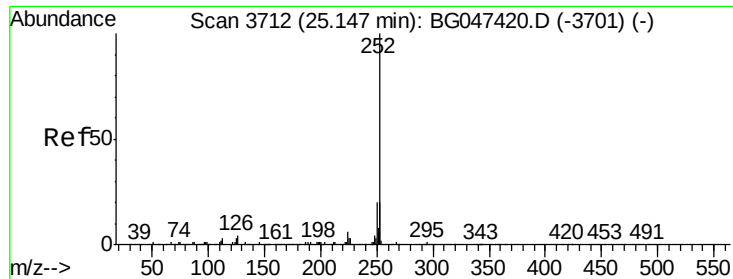
Delta R.T. -0.01 min

Lab File: BG047428.D

Acq: 24 Nov 2020 1:45

Tgt Ion:	252	Resp:	85346
Ion Ratio	Lower	Upper	
252	100		
253	18.6	18.2	27.4
125	2.5	2.2	3.2





#91

Benzo(a)pyrene

Concen: 9.889 ng/ul

RT: 25.15 min Scan# 3712

Delta R.T. 0.00 min

Lab File: BG047428.D

Acq: 24 Nov 2020 1:45

Instrument :

BNA_G

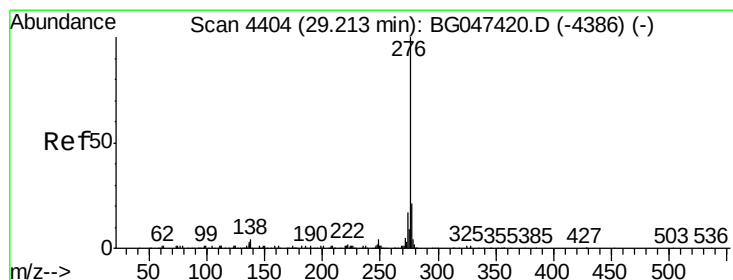
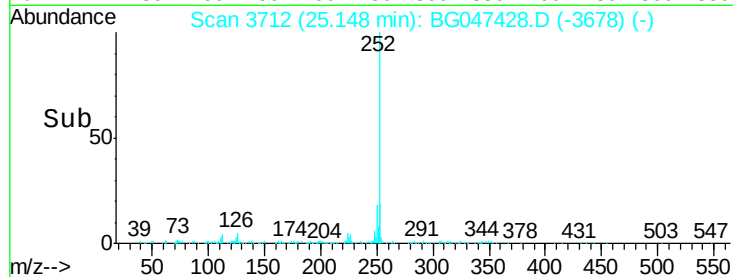
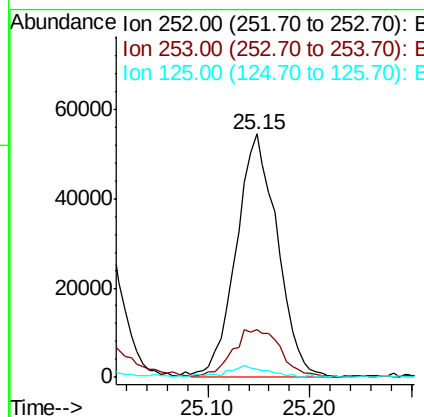
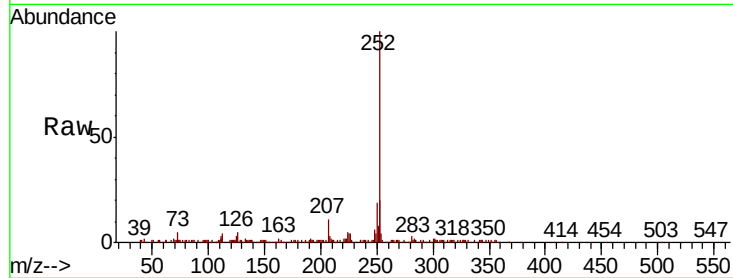
ClientSampleId :

C0B13

Tot Ion:	252	Resp:	151455
Ion Ratio	Lower	Upper	
252	100		
253	19.6	18.6	27.8
125	3.4	3.1	4.7

Manual Integrations
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#92

Indeno(1,2,3-cd)pyrene

Concen: 5.134 ng/ul m

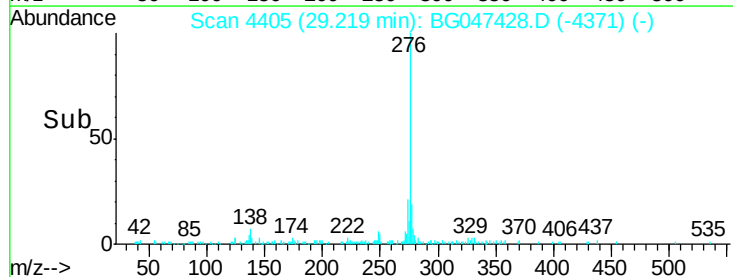
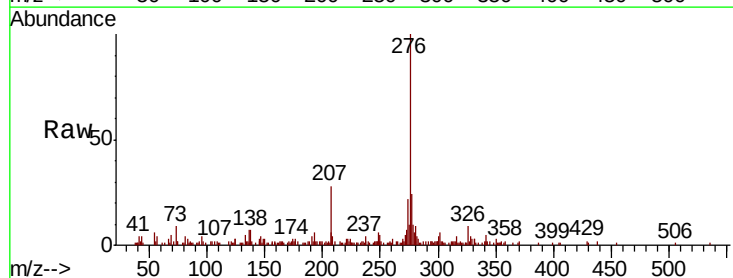
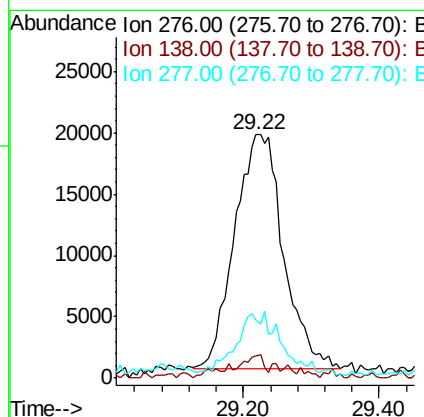
RT: 29.22 min Scan# 4405

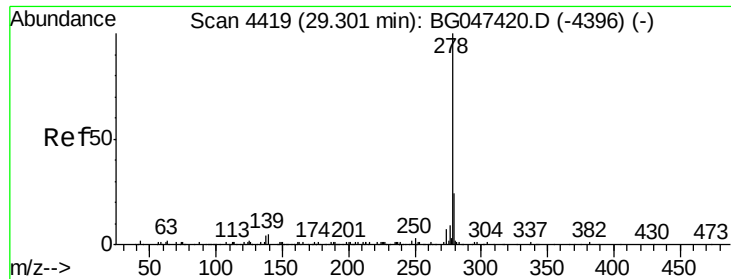
Delta R.T. 0.00 min

Lab File: BG047428.D

Acq: 24 Nov 2020 1:45

Tgt Ion:	276	Resp:	95652
Ion Ratio	Lower	Upper	
276	100		
138	6.5	5.0	7.6
277	24.0	16.5	24.7





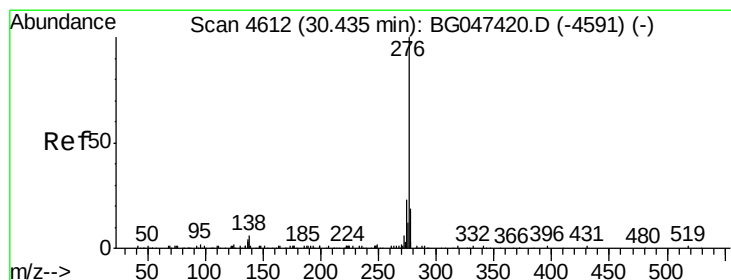
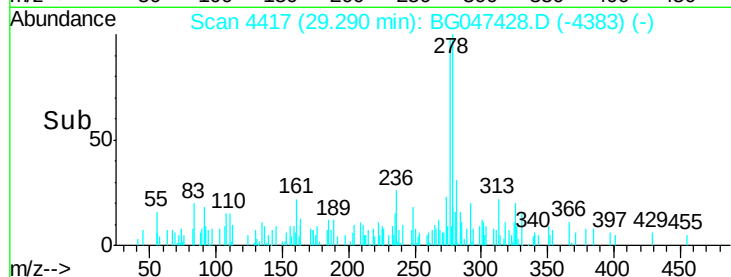
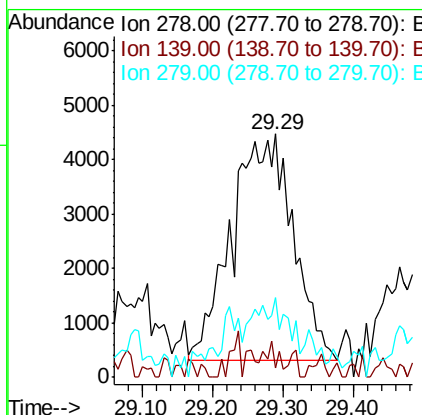
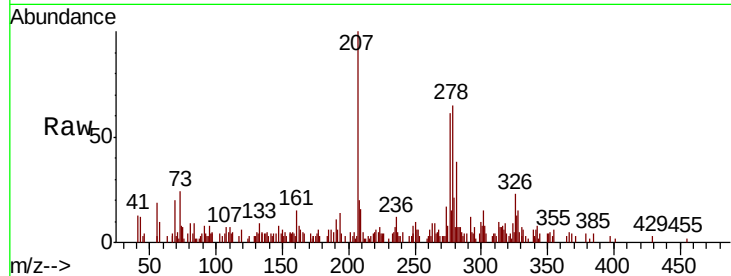
#93
Dibenzo(a,h)anthracene
Concen: 1.651 ng/ul m
RT: 29.29 min Scan# 4417
Delta R.T. 0.00 min
Lab File: BG047428.D
Acq: 24 Nov 2020 1:45

Instrument :
BNA_G
ClientSampleId :
C0B13

Tot Ion	Ratio	Lower	Upper
278	100		
139	3.9	4.6	7.0#
279	32.8	18.2	27.2#

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 5.372 ng/ul m
RT: 30.44 min Scan# 4613
Delta R.T. -0.01 min
Lab File: BG047428.D
Acq: 24 Nov 2020 1:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.8	5.8	8.6#
277	25.9	17.4	26.2

